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RAW SEQUENCE LISTING

DATE: 11/20/2001

PATENT APPLICATION: US/09/808,310

TIME: 10:01:11

Input Set : A:\40301201.app

Output Set: N:\CRF3\11202001\I808310.raw

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3 <110> APPLICANT: Benson, Timothy E
 5 <120> TITLE OF INVENTION: CRYSTALLIZATION AND STRUCTURE DETERMINATION OF
 6 GLYCOSYLATED HUMAN BETA SECRETASE, AN ENZYME IMPLICATED
 7 IN ALZHEIMER'S DISEASE
 9 <130> FILE REFERENCE: 00403.CP
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/808,310
 12 <141> CURRENT FILING DATE: 2001-03-14
 14 <150> PRIOR APPLICATION NUMBER: 09/747,421
 15 <151> PRIOR FILING DATE: 2000-12-23
 17 <160> NUMBER OF SEQ ID NOS: 1
 19 <170> SOFTWARE: PatentIn Ver. 2.1
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 385
 23 <212> TYPE: PRT
 24 <213> ORGANISM: Homo sapiens
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 28 1 5 10 15
 30 Glu Met Thr Val Gly Ser Pro Pro Gln Thr Leu Asn Ile Leu Val Asp
 31 20 25 30
 33 Thr Gly Ser Ser Asn Phe Ala Val Gly Ala Ala Pro His Pro Phe Leu
 34 35 40 45
 36 His Arg Tyr Tyr Gln Arg Gln Leu Ser Ser Thr Tyr Arg Asp Leu Arg
 37 50 55 60
 39 Lys Gly Val Tyr Val Pro Tyr Thr Gln Gly Lys Trp Glu Gly Glu Leu
 40 65 70 75 80
 42 Gly Thr Asp Leu Val Ser Ile Pro His Gly Pro Asn Val Thr Val Arg
 43 85 90 95
 45 Ala Asn Ile Ala Ala Ile Thr Glu Ser Asp Lys Phe Phe Ile Asn Gly
 46 100 105 110
 48 Ser Asn Trp Glu Gly Ile Leu Gly Leu Ala Tyr Ala Glu Ile Ala Arg
 49 115 120 125
 51 Pro Asp Asp Ser Leu Glu Pro Phe Phe Asp Ser Leu Val Lys Gln Thr
 52 130 135 140
 54 His Val Pro Asn Leu Phe Ser Leu Gln Leu Cys Gly Ala Gly Phe Pro
 55 145 150 155 160
 57 Leu Asn Gln Ser Glu Val Leu Ala Ser Val Gly Gly Ser Met Ile Ile
 58 165 170 175
 60 Gly Gly Ile Asp His Ser Leu Tyr Thr Gly Ser Leu Trp Tyr Thr Pro
 61 180 185 190
 63 Ile Arg Arg Glu Trp Tyr Tyr Glu Val Ile Ile Val Arg Val Glu Ile
 64 195 200 205
 66 Asn Gly Gln Asp Leu Lys Met Asp Cys Lys Glu Tyr Asn Tyr Asp Lys
 67 210 215 220
 69 Ser Ile Val Asp Ser Gly Thr Thr Asn Leu Arg Leu Pro Lys Lys Val
 70 225 230 235 240
 72 Phe Glu Ala Ala Val Lys Ser Ile Lys Ala Ala Ser Ser Thr Glu Lys

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75 Phe Pro Asp Gly Phe Trp Leu Gly Glu Gln Leu Val Cys Trp Gln Ala
76          260          265          270
78 Gly Thr Thr Pro Trp Asn Ile Phe Pro Val Ile Ser Leu Tyr Leu Met
79          275          280          285
81 Gly Glu Val Thr Asn Gln Ser Phe Arg Ile Thr Ile Leu Pro Gln Gln
82          290          295          300
84 Tyr Leu Arg Pro Val Glu Asp Val Ala Thr Ser Gln Asp Asp Cys Tyr
85 305          310          315          320
87 Lys Phe Ala Ile Ser Gln Ser Ser Thr Gly Thr Val Met Gly Ala Val
88          325          330          335
90 Ile Met Glu Gly Phe Tyr Val Val Phe Asp Arg Ala Arg Lys Arg Ile
91          340          345          350
93 Gly Phe Ala Val Ser Ala Cys His Val His Asp Glu Phe Arg Thr Ala
94          355          360          365
96 Ala Val Glu Gly Pro Phe Val Thr Leu Asp Met Glu Asp Cys Gly Tyr
97          370          375          380
99 Asn
100 385

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/808,310

DATE: 11/20/2001

TIME: 10:01:12

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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number